

**WHAT IS CLAIMED IS:**

1. A multi-mode modulation and display device of heat dissipating fans of a computer power supply having an input end connected to a power supply and an output end thereof electrically connected to at least one heat  
5 dissipating fan, the multi-mode modulation and display device comprising;

a trigger; the trigger being driven by users to generate pulse signals;

a control unit being actuated by the pulse signals from the trigger to act sequentially;

a switching and display module formed by at least three switching and  
10 display units; an output end of the switching and display module being connected to output ends of the control unit; wherein when the output ends of the control unit are conducted, the switching and display units connected to the control unit are conducted so that lamps in the switching and display units light up;

15 a sensing and distributing unit connected to an output end of the switching and display module; the sensing and distributing unit including at least one sensor and at least two resistors with different resistances; the sensor being driven by one of the at least three switching and display units for detecting temperature variations of environment and then changing  
20 resistance thereof;

wherein one ends of the two resistors and heat dissipating fan are connected to the switching and display units, respectively, and another ends of the two resistors are connected to another ends of the heat dissipating fan; when the switching and display units are actuated and  
25 conducted by the control unit, currents flow through the resistors so that

the voltage across the heat dissipating fan will be reduced; thereby, the rotation speed of the heat dissipating fan is adjustable.

2. The multi-mode modulation and display device of heat dissipating fans of a computer power supply as claimed in claim 1, wherein the trigger  
5 is one of a key switch and a film switch.

3. The multi-mode modulation and display device of heat dissipating fans of a computer power supply as claimed in claim 1, wherein the trigger is connected to a computer mainframe so that the user can control the trigger through a computer having the computer mainframe.

10 4. The multi-mode modulation and display device of heat dissipating fans of a computer power supply as claimed in claim 1, wherein lamps of the switching and display module are light emitting diodes (LEDs).

5. The multi-mode modulation and display device of heat dissipating fans of a computer power supply as claimed in claim 1, wherein the sensor  
15 includes

a Zener diode; and

a thermal resistor for sending environment temperature; and changing a resistance thereof; the resistance being then feedback to the Zener diode so as to actuate the Zener diode to adjust rotation speed of the heat  
20 dissipating fan.